1 Introduction

History of models and estimation attempts
Usefulness of bound: benchmark algorithms, experimental design, insight about inherent uncertainty – which do we address

2 Background

Present 3 models?

3 Theory / Performance Bounds

Introduce recursive computation of bound and Monte Carlo approximation

4 Methods?

5 Results

5.1 Effect of increasing model complexity – bound should increase

e.g. Bound for model A > model B > model C

5.2 Effect of parameters changing – bound should change

e.g. seizure easier to estimate than alpha rhythms

5.3 Effect of measurement noise? – pretty boring

e.g. scalp EEG vs iEEG?

5.4 Augmented models (joint estimation of parameters and states)?

6 Discussion

extensions to other applications e.g. experimental design
contextualize work w.r.t. existing literature?

7 Conclusion